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J.P.
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Alfred WEBER et al.

Serial No.: 09/509,608

Filed: June 19, 2002



BOX: AF

Examiner: K. KERR

Group Art Unit: 1652

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For: PROCESS FOR THE PRODUCTION OF ERGOSTEROL AND ITS INTERMEDIATE PRODUCTS USING RECOMBINANT YEAST

AMENDMENT AFTER FINAL REJECTION

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In response to the office action dated July 2, 2002, please amend the above-identified application as follows:

IN THE ABSTRACT:

Please add the new Abstract of the Disclosure which can be found at the end of this Amendment on a separate sheet of paper.

IN THE CLAIMS:

Please replace claims 27, 36-39, 42-44 and 53 with the amended claims below.

27. (Amended) A method of producing ergosterol or one or more intermediate products of its biosynthesis, comprising,

a) designing a plasmid, into which the following genes are inserted:

i) t-HMG, an HMG-Co-A-reductase gene,
ERG9, a squalene synthetase gene,
SAT1, an Acyl-CoA: sterol-acyl transferase gene, and